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PTO/SB/05 (08-00) (modified)  
Approved for use through 9/30/2001, OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

|   |                               |  |
|---|-------------------------------|--|
| <b>NEW UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><small>(only for new nonprovisional applications under<br/>37 CFR 1.53(b))</small> | <b>Attorney Docket Number</b> | 20911-08110  |
|   | <b>First Named Inventor</b>   | Hiroshi Tsujino                                      |
|   | <b>Title</b>                  | Image-Based Object Detection<br>Apparatus and Method |
|   | <b>Express Mail Label No.</b> | EV 338300365 US                                      |

| APPLICATION ELEMENTS   | ACCOMPANYING APPLICATION PARTS  |
|--|---|
| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate)</p> <p>2. <input type="checkbox"/> Applicant claims small entity status.<br/>See 37 CFR 1.27</p> <p>3. <input checked="" type="checkbox"/> Specification <span style="float: right;">Total Pages <span style="border: 1px solid black; padding: 0 10px;">32</span></span><br/><small>(preferred arrangement set forth below)</small></p> <ul style="list-style-type: none"><li>■ Descriptive Title of the Invention</li><li>■ Cross Reference(s) to Related Case(s)</li><li>■ Statement Regarding Fed sponsored R &amp; D</li><li>■ Background of the Invention</li><li>■ Brief Summary of the Invention</li><li>■ Brief Description of the Drawing(s)</li><li>■ Detailed Description</li><li>■ Claim or Claims</li><li>■ Abstract of the Disclosure</li></ul> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <span style="float: right;">Total Sheets <span style="border: 1px solid black; padding: 0 10px;">14</span></span></p> <p>5. Combined Declaration &amp; Power of Attorney</p> <p style="margin-left: 20px;">a. <input checked="" type="checkbox"/> New Declaration <span style="float: right;">Total Pages <span style="border: 1px solid black; padding: 0 10px;">3</span></span><br/><span style="margin-left: 40px;"><input type="checkbox"/> Executed (original or copy)</span></p> <p style="margin-left: 20px;">b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br/><small>(for continuation/divisional with Box 18 completed)</small></p> <p style="margin-left: 40px;">i. <input type="checkbox"/> DELETION OF INVENTOR(S)<br/><small>Signed statement attached deleting inventor(s)<br/>named in the prior application, see 37 CFR<br/>1.63(d)(2) and 1.33(b).</small></p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> | <p>7. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>8. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority<br/>is claimed)</small></p> <p>9. <input type="checkbox"/> Power of Attorney or Authorization of Agent</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement</p> <p>11. <input type="checkbox"/> Preliminary Amendment</p> <p>12. <input checked="" type="checkbox"/> Information Disclosure Statement &amp; PTO/SB/08A<br/><span style="margin-left: 40px;"><input checked="" type="checkbox"/> Copies of IDS Citation(s)</span></p> <p>13. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122<br/><small>(b)(2)(B)(i). Applicant must attach form<br/>PTO/SB/35 or its equivalent</small></p> <p>14. <input checked="" type="checkbox"/> Return Postcard</p> <p>15. <input type="checkbox"/> _____</p> <p>16. <input type="checkbox"/> _____</p> <p>17. <input type="checkbox"/> _____</p> |
| <b>ADDRESS TO:</b><br><br>Mail Stop Patent Application<br>Commissioner for Patents<br>P.O. Box 1450<br>Alexandria, VA 22313-1450   |   |

18. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_/\_\_\_\_

Prior application information: Examiner: \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

**For CONTINUATION OR DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuing or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

☒ Customer Number and Bar Code  
Label



00758

|                          |                 |  |         |
|--------------------------|-----------------|--|---------|
| <b>Name (Print/Type)</b> | Albert C. Smith | <b>Registration No. (Attorney/Agent)</b> | 20,355  |
| <b>Signature</b>         |                 | <b>Date</b>                              | 7/21/03 |

21909 U.S. PTO

10/624786



07/21/03

# FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**Complete if Known**

|                      |                 |
|----------------------|-----------------|
| Application Number   | Not Yet Known   |
| Filing Date          | July 21, 2003   |
| First Named Inventor | Hiroshi Tsujino |
| Examiner Name        | Not Yet Known   |
| Art Unit             | Not Yet Known   |
| Attorney Docket No.  | 20911-08110     |

**TOTAL AMOUNT OF PAYMENT (\$)** 1,534**METHOD OF PAYMENT** (check all that apply)
☒ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None  
☐ Deposit Account:

Deposit Account Number 19-2555

Deposit Account Name Fenwick &amp; West LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity        |          | Small Entity |          | Fee Description        | Fee Paid        |
|---------------------|----------|--------------|----------|------------------------|-----------------|
| Fee Code            | Fee (\$) | Fee Code     | Fee (\$) |                        |                 |
| 1001                | 750      | 2001         | 375      | Utility filing fee     | 750             |
| 1002                | 330      | 2002         | 165      | Design filing fee      |                 |
| 1003                | 520      | 2003         | 260      | Plant filing fee       |                 |
| 1004                | 750      | 2004         | 375      | Reissue filing fee     |                 |
| 1005                | 160      | 2005         | 80       | Provisional filing fee |                 |
| <b>SUBTOTAL (1)</b> |          |              |          |                        | <b>(\$)</b> 750 |

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

| Total Claims       | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 15                 | -20**=0      | 18             | 0        |
| Independent Claims | 9            | -3**=6         | 84       |
| Multiple Dependent |              | 280            | 280      |

| Large Entity |          | Small Entity |          | Fee Description   |
|--------------|----------|--------------|----------|---|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |   |
| 1202         | 18       | 2202         | 9        | Claims in excess of 20                                    |
| 1201         | 84       | 2201         | 42       | Independent claims in excess of 3                         |
| 1203         | 280      | 2203         | 140      | Multiple dependent claim, if not paid                     |
| 1204         | 84       | 2204         | 42       | **Reissue independent claims over original patent         |
| 1205         | 18       | 2205         | 9        | **Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2)** (\$)

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION** (continued)**3. ADDITIONAL FEES**

| Large Entity |          | Small Entity |          | Fee Description  | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |  |          |
| 1051         | 130      | 2051         | 65       | Surcharge - late filing fee or oath  |          |
| 1052         | 50       | 2052         | 25       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 1053         | 130      | 1053         | 130      | Non-English specification  |          |
| 1812         | 2,520    | 1812         | 2,520    | For filing a request for <i>ex parte</i> reexamination                     |          |
| 1804         | 920*     | 1804         | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805         | 1,840*   | 1805         | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251         | 110      | 2251         | 55       | Extension for reply within first month                                     |          |
| 1252         | 410      | 2252         | 205      | Extension for reply within second month                                    |          |
| 1253         | 930      | 2253         | 465      | Extension for reply within third month                                     |          |
| 1254         | 1,450    | 2254         | 725      | Extension for reply within fourth month                                    |          |
| 1255         | 1,970    | 2255         | 985      | Extension for reply within fifth month                                     |          |
| 1401         | 320      | 2401         | 160      | Notice of Appeal   |          |
| 1402         | 320      | 2402         | 160      | Filing a brief in support of an appeal                                     |          |
| 1403         | 280      | 2403         | 140      | Request for oral hearing   |          |
| 1451         | 1,510    | 1451         | 1,510    | Petition to institute a public use proceeding                              |          |
| 1452         | 110      | 2452         | 55       | Petition to revive - unavoidable   |          |
| 1453         | 1,300    | 2453         | 650      | Petition to revive - unintentional   |          |
| 1501         | 1,300    | 2501         | 650      | Utility issue fee (or reissue)   |          |
| 1502         | 470      | 2502         | 235      | Design issue fee   |          |
| 1503         | 630      | 2503         | 315      | Plant issue fee  |          |
| 1460         | 130      | 1460         | 130      | Petitions to the Commissioner  |          |
| 1807         | 50       | 1807         | 50       | Processing fee under 37 CFR 1.17(g)  |          |
| 1806         | 180      | 1806         | 180      | Submission of Information Disclosure Stmt                                  |          |
| 8021         | 40       | 8021         | 40       | Recording each patent assignment per property (times number of properties) |          |
| 1809         | 750      | 2809         | 375      | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 1810         | 750      | 2810         | 375      | For each additional invention to be examined (37 CFR 1.129(b))             |          |
| 1801         | 750      | 2801         | 375      | Request for Continued Examination (RCE)                                    |          |
| 1802         | 900      | 1802         | 900      | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

**SUBTOTAL (3)** (\$)**SUBMITTED BY**

|                   |                 |                                   |        |                          |                          |
|-------------------|-----------------|-----------------------------------|--------|--------------------------|--------------------------|
| Name (Print/Type) | Albert C. Smith | Registration No. (Attorney/Agent) | 20,355 | Complete (if applicable) | Telephone (650) 335-7296 |
| Signature         | A-C Smith       |                                   |        | Date                     | 7/21/03                  |